

FIG.1

FIG.2

SHARED MEMORY/CACHE MEMORY

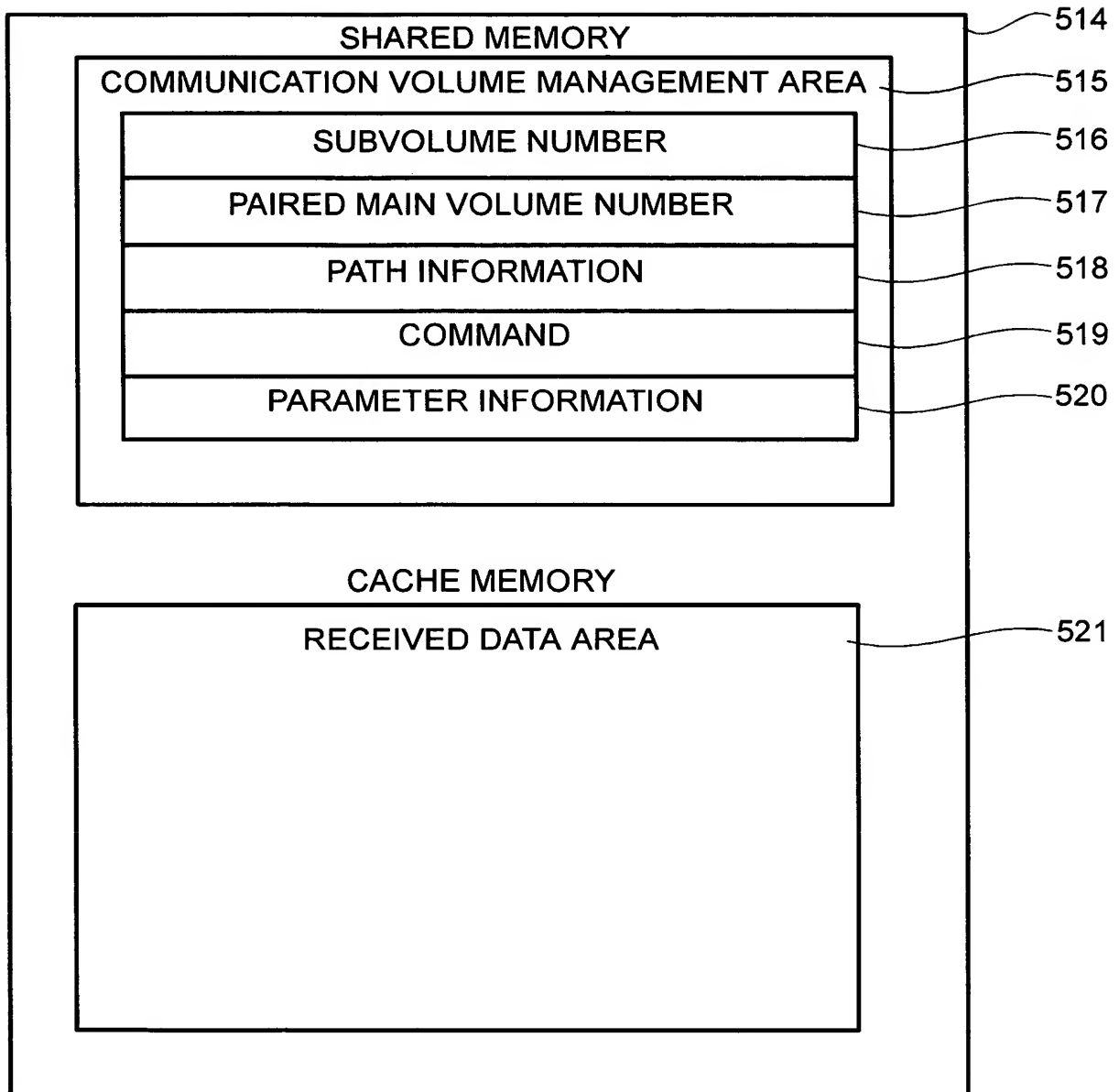


FIG.3

I/O PROCESSING FLOWCHART (JOB1: I/O PROCESSOR 510)

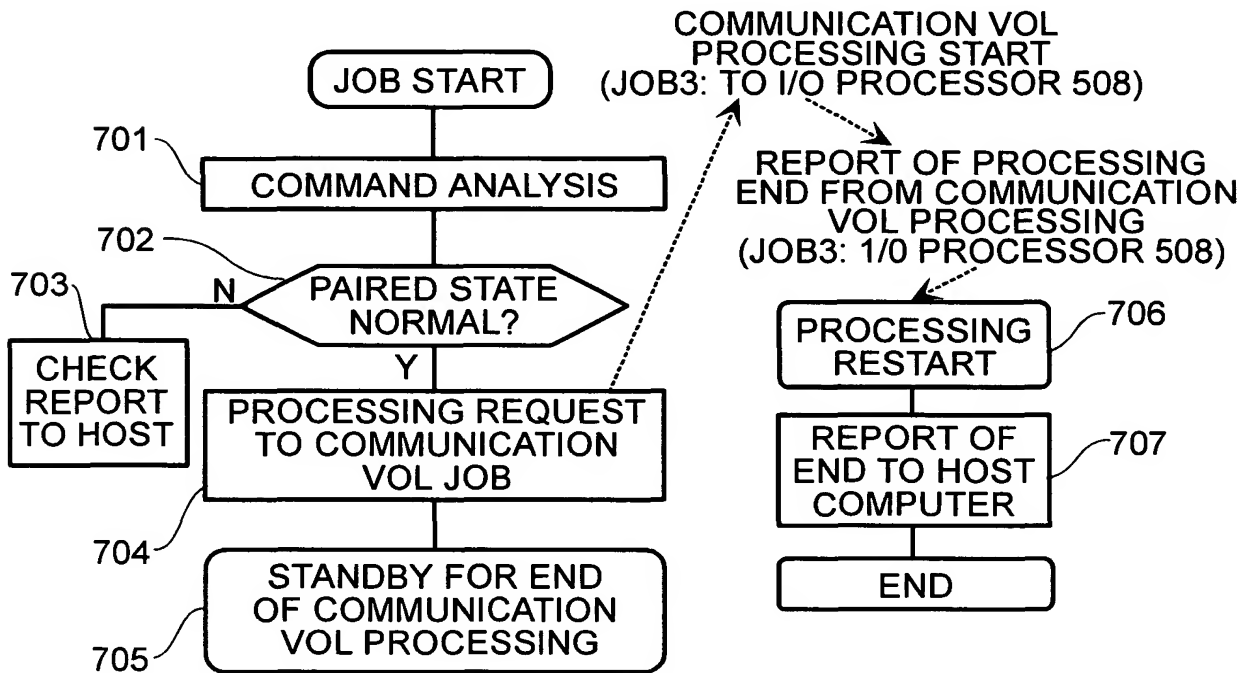


FIG.4

I/O PROCESSING (JOB2: I/O PROCESSOR 509)

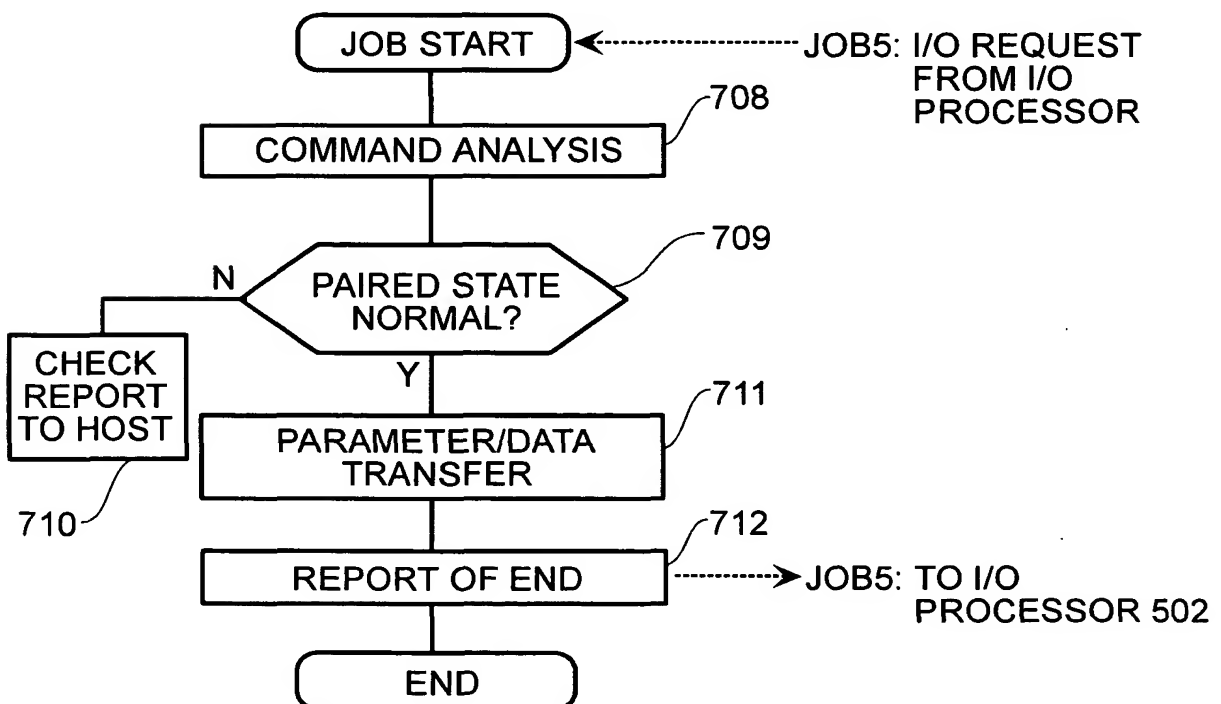


FIG.5

COMMUNICATION VOL I/O PROCESSING FLOWCHART (JOB3: PROCESSING BY PROCESSOR 508)

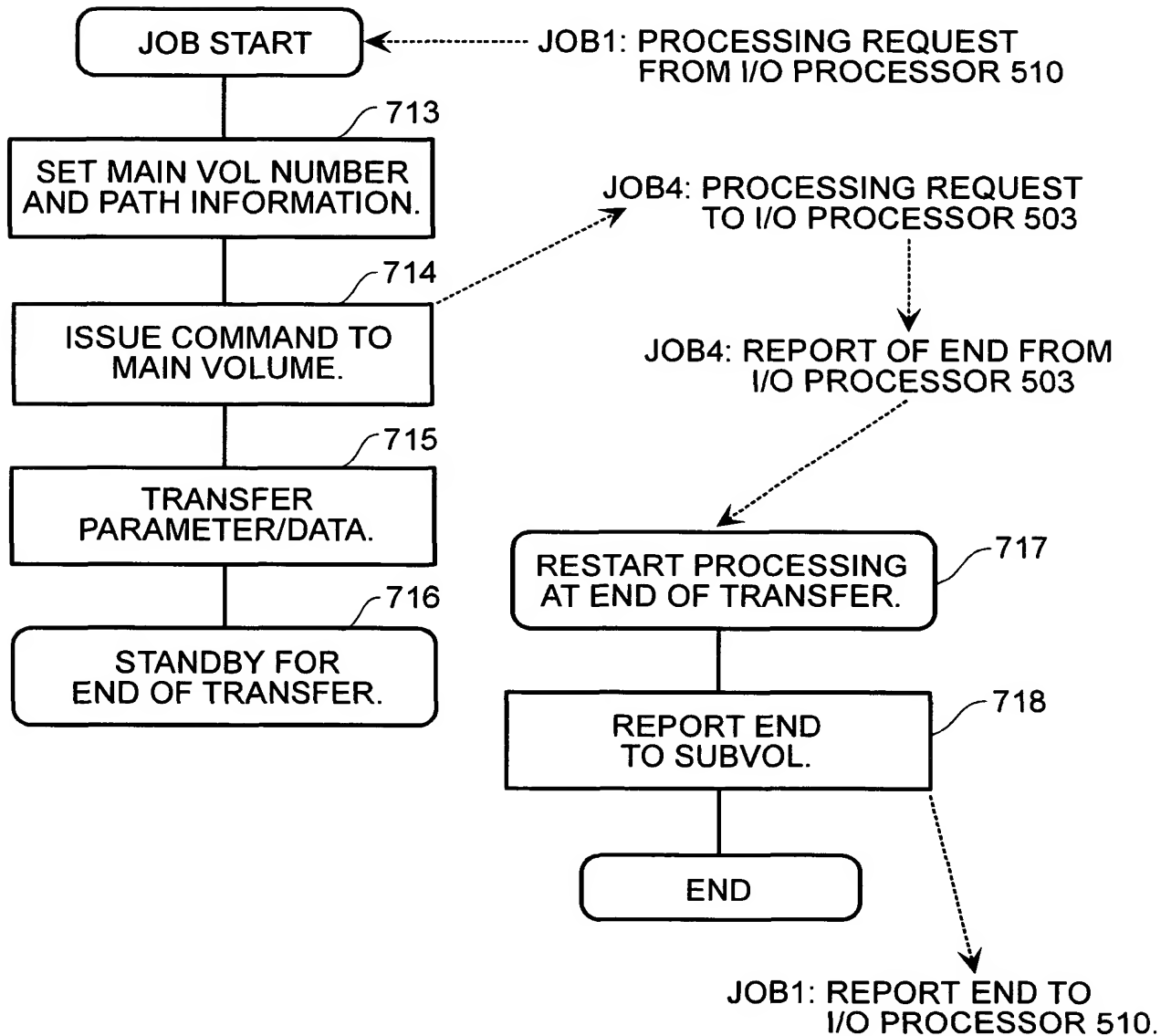


FIG.6

I/O PROCESSING FLOWCHART (JOB4: I/O PROCESSOR 503)

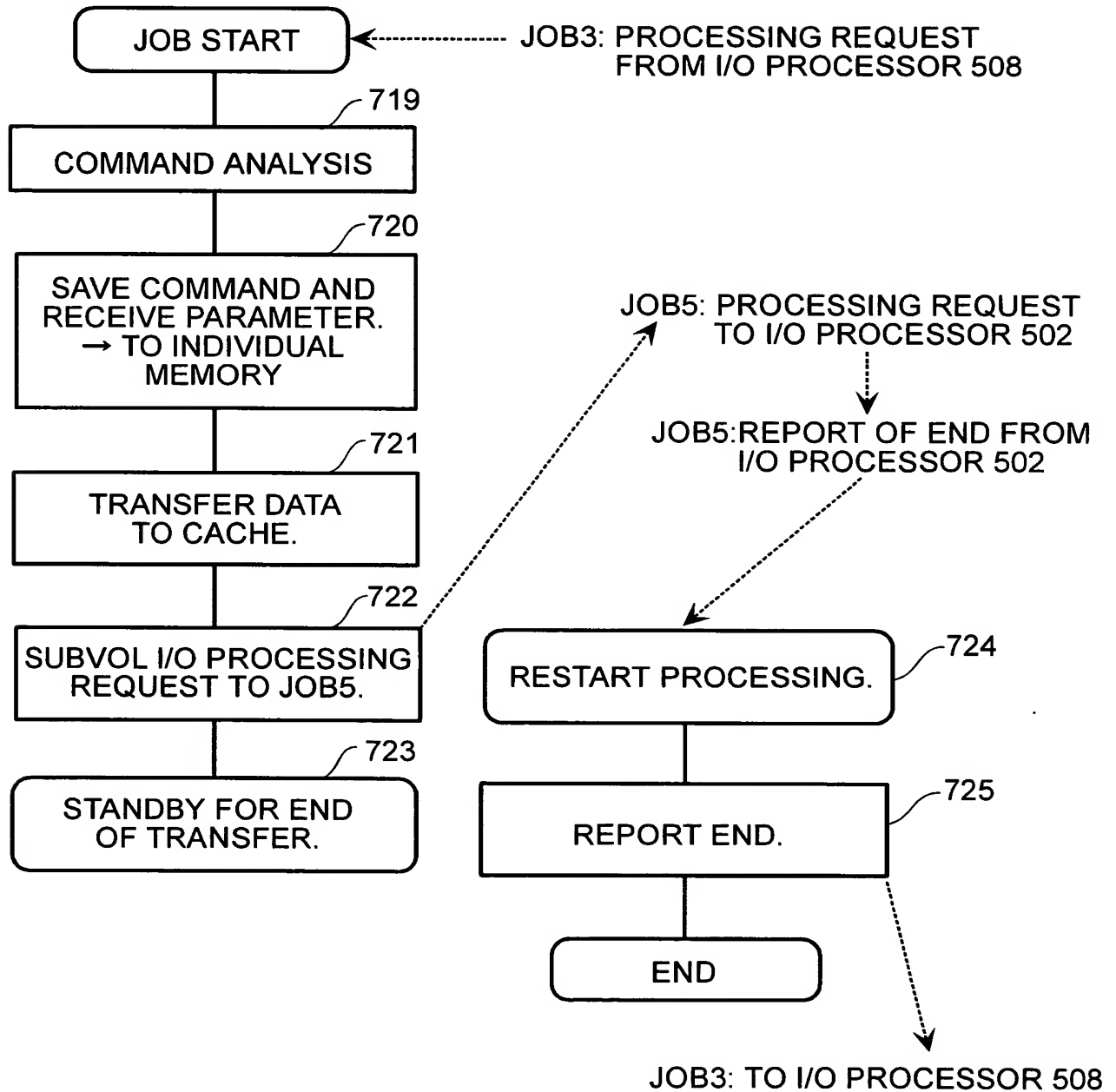


FIG.7

I/O PROCESSING FLOWCHART (JOB5: I/O PROCESSOR 502)

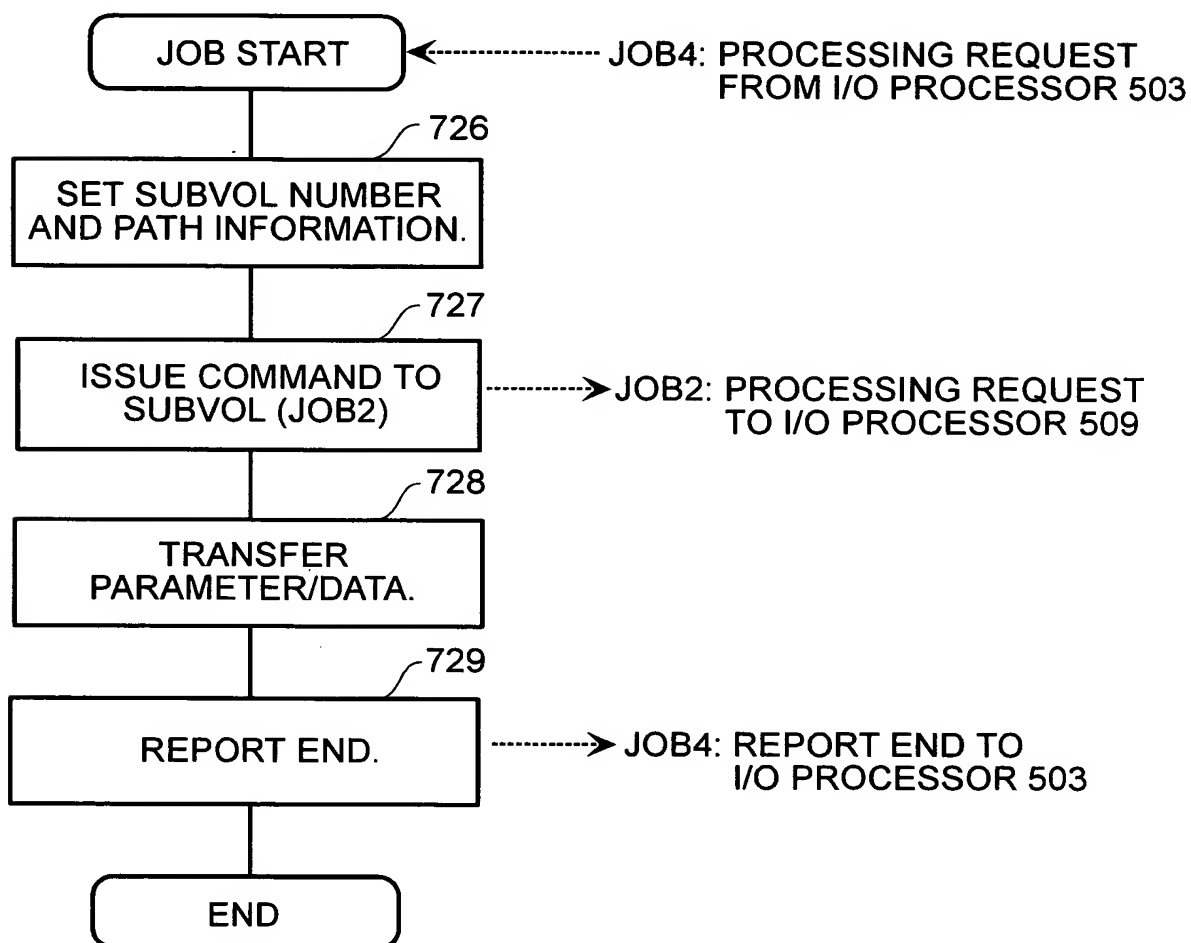
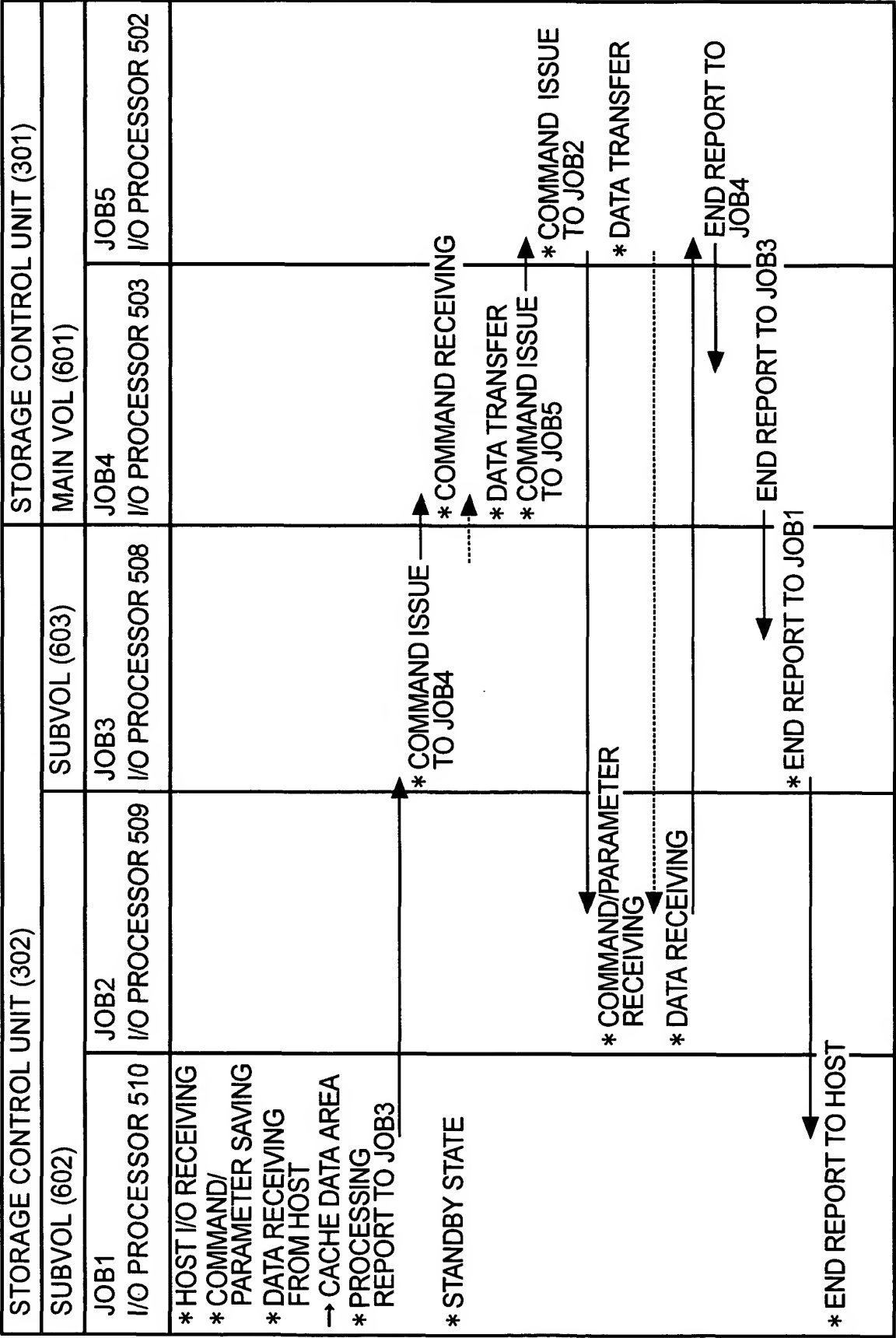
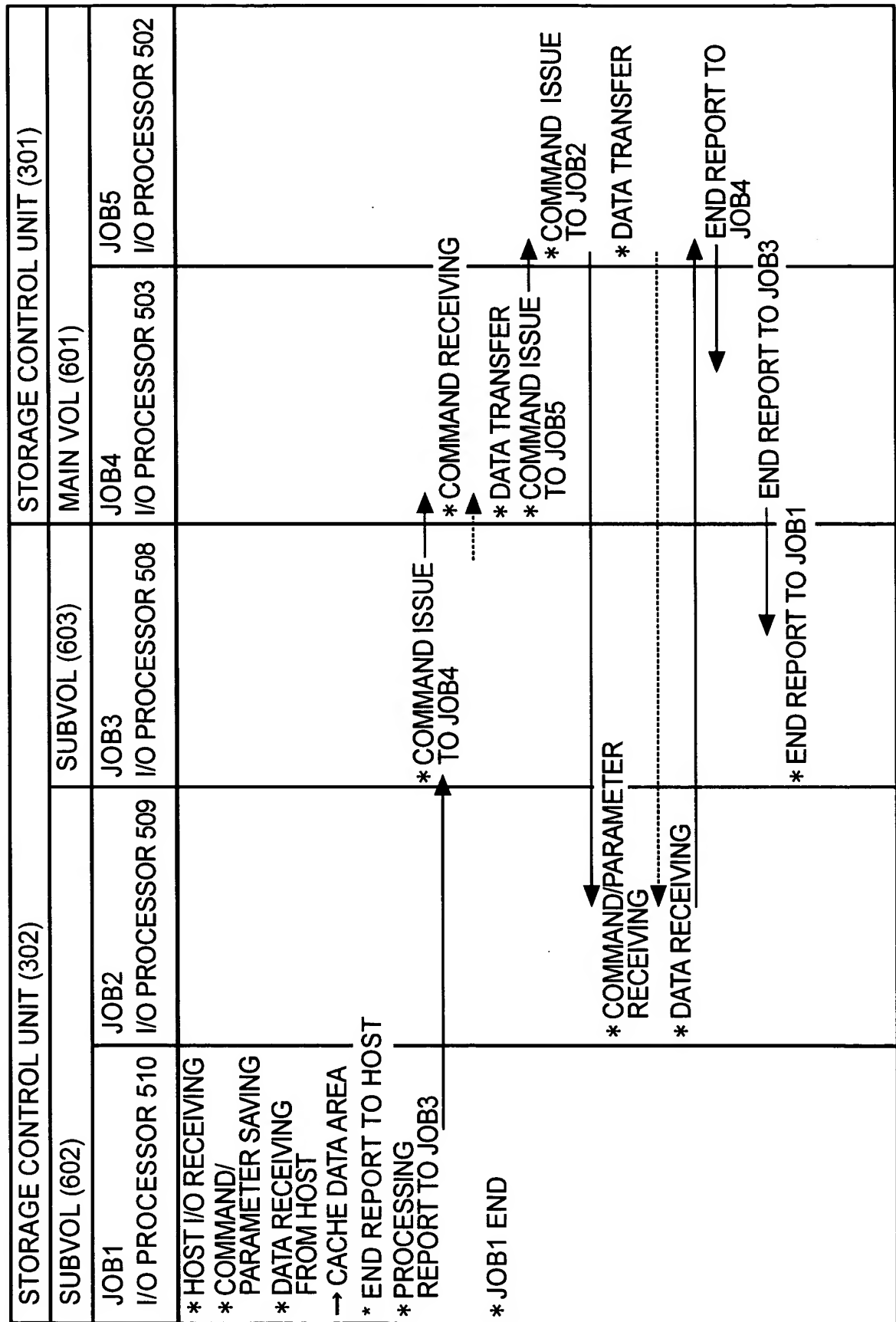


FIG.8

FLOWCHART OF PROCESSINGS BETWEEN PAIRED VOLUMES





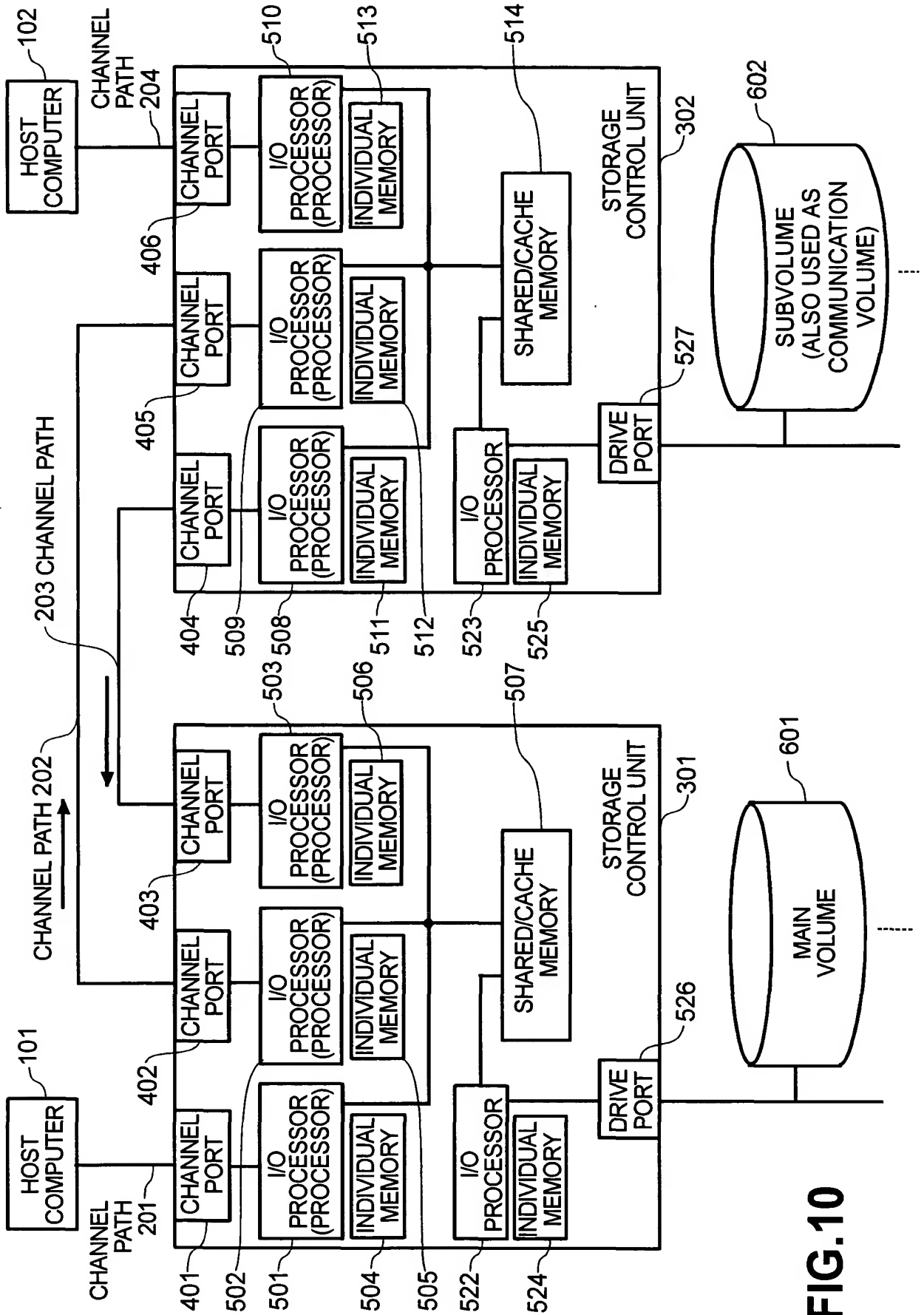


FIG.10

FIG.11

I/O PROCESSING FLOWCHART (JOB1: I/O PROCESSOR 510)

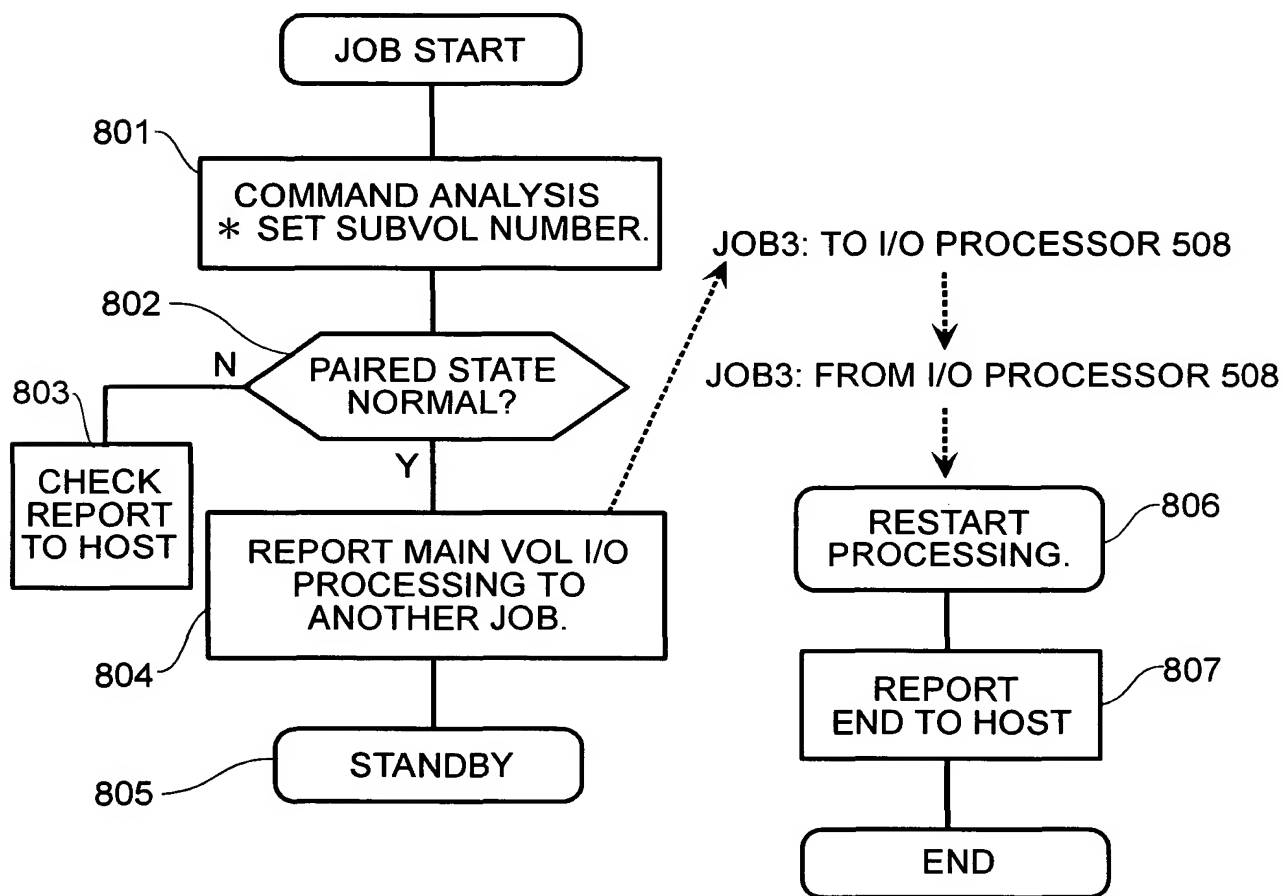


FIG.12

I/O PROCESSING FLOWCHART (JOB2: I/O PROCESSOR 509)

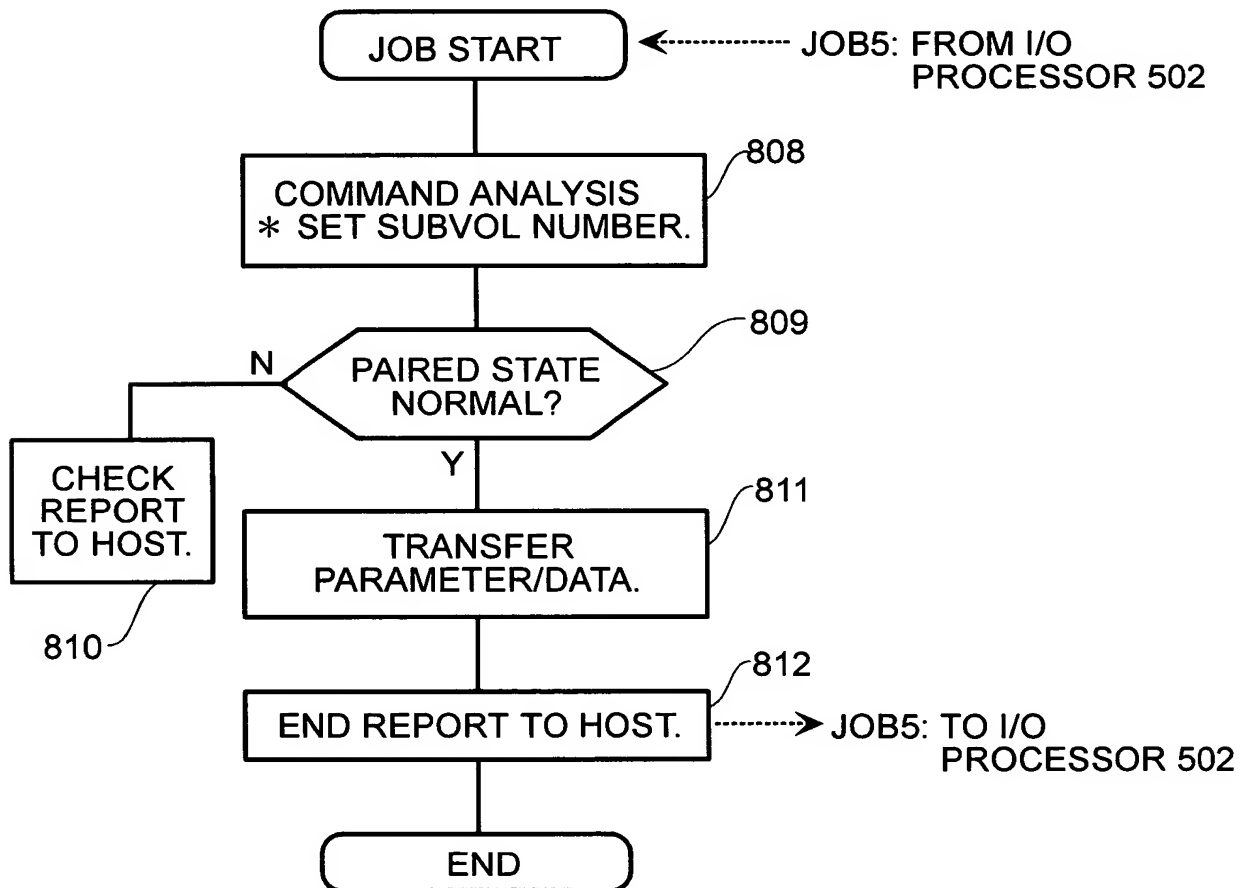


FIG.13

I/O PROCESSING FLOWCHART (JOB3: I/O PROCESSOR 508)

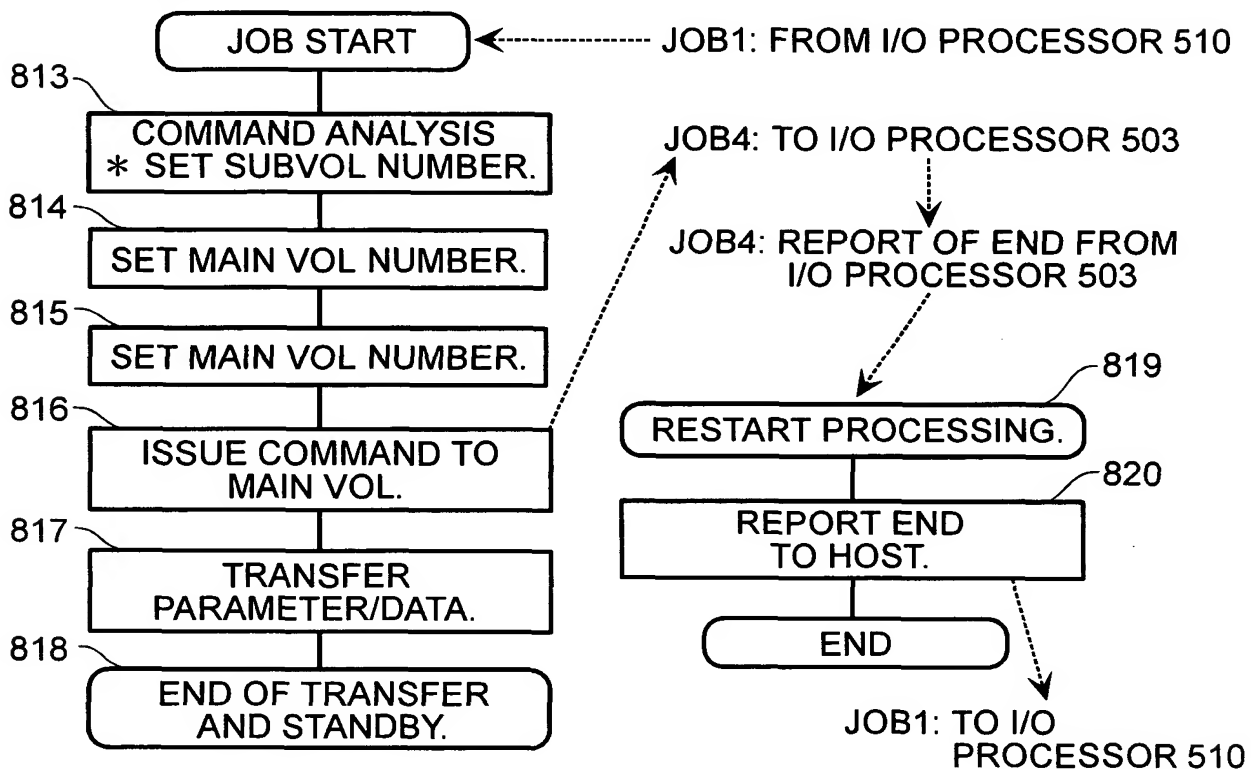


FIG.14

I/O PROCESSING FLOWCHART (JOB4: I/O PROCESSOR 503)

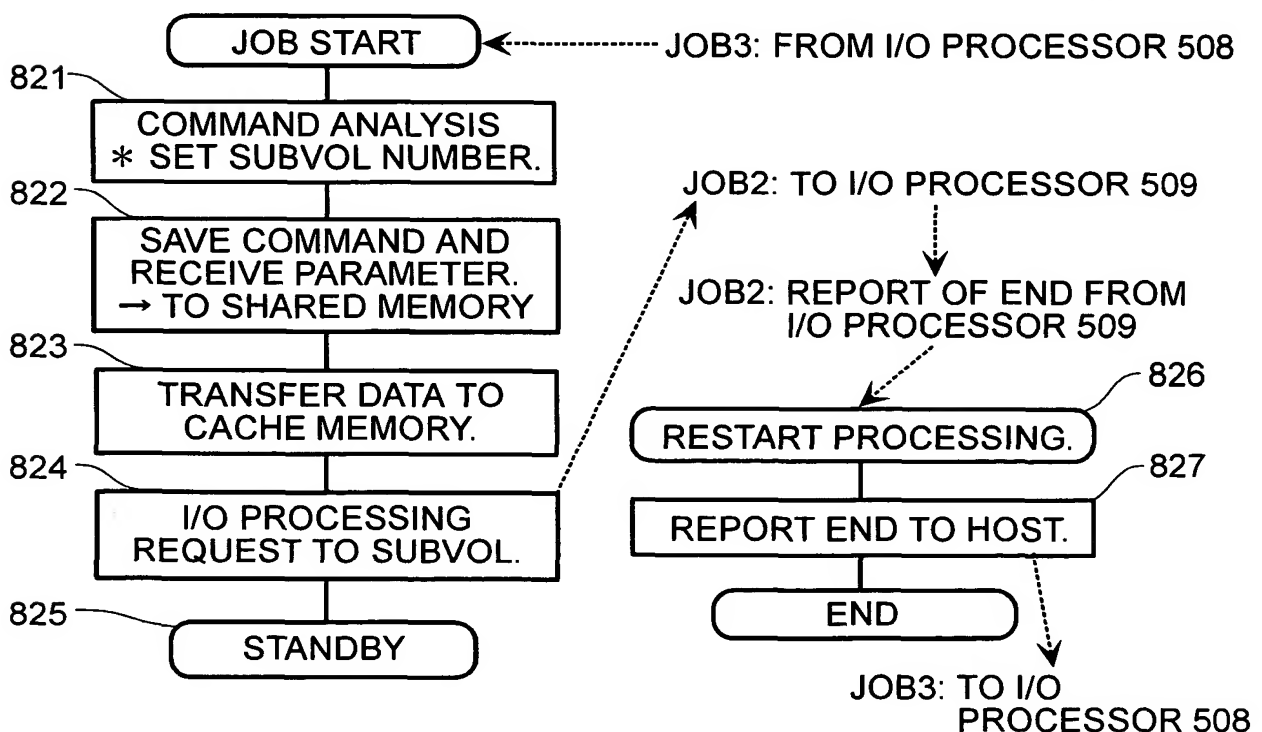


FIG.15

I/O PROCESSING FLOWCHART (JOB5: I/O PROCESSOR 502)

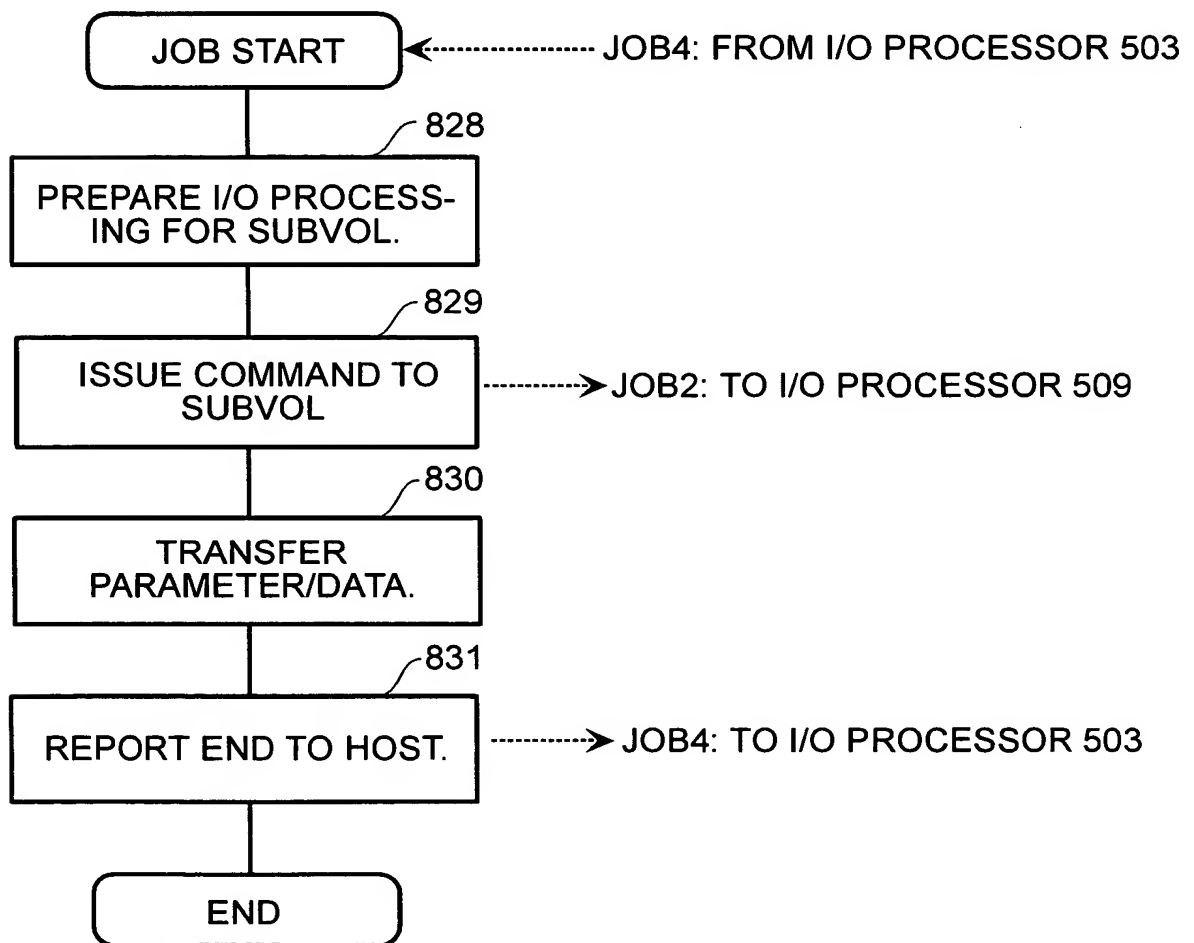


FIG.16 FLOWCHART OF PROCESSINGS BETWEEN PAIRED VOLUMES

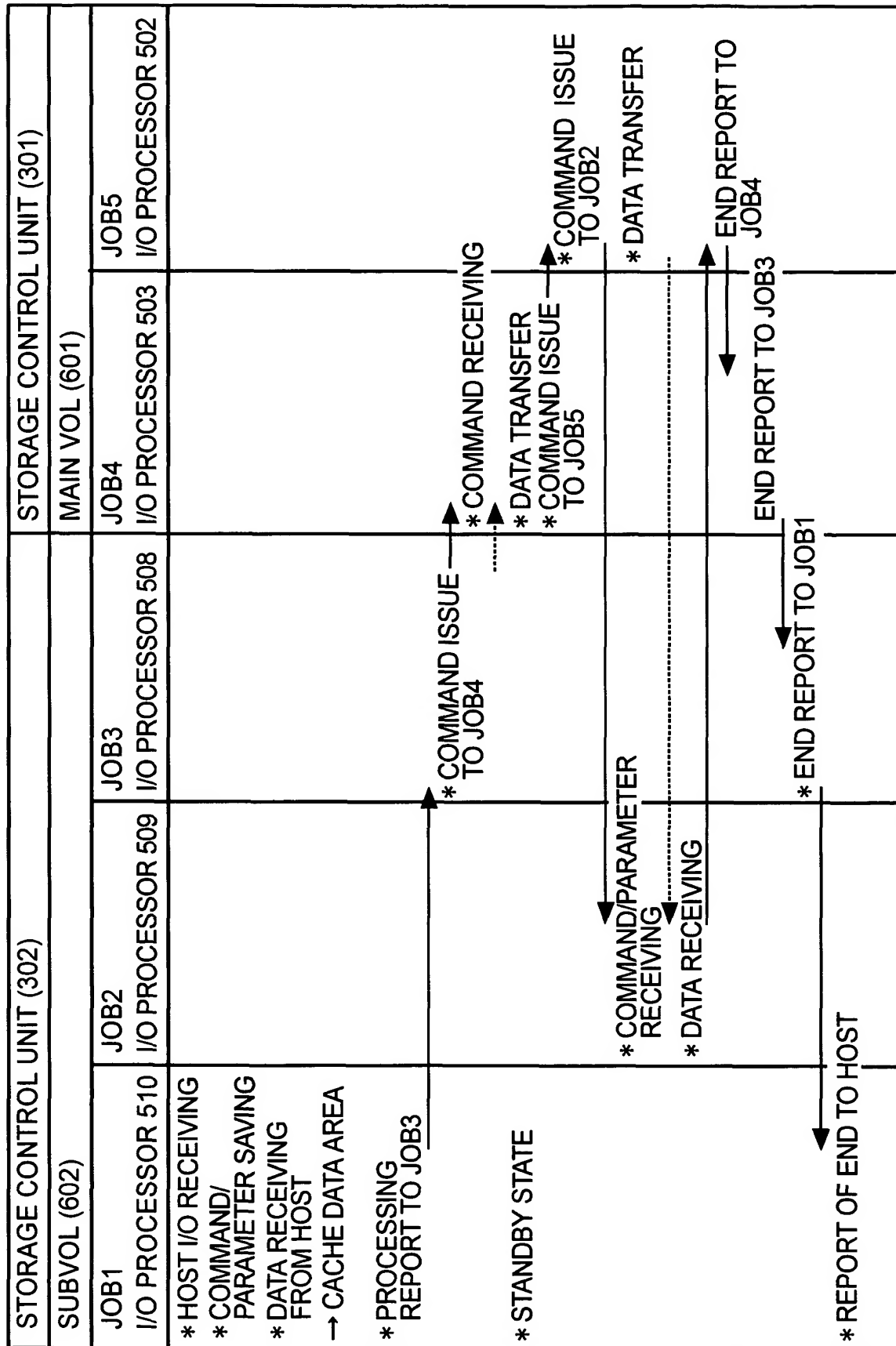


FIG.17

I/O PROCESSING FLOWCHART (ANY OF MAIN AND SUB)

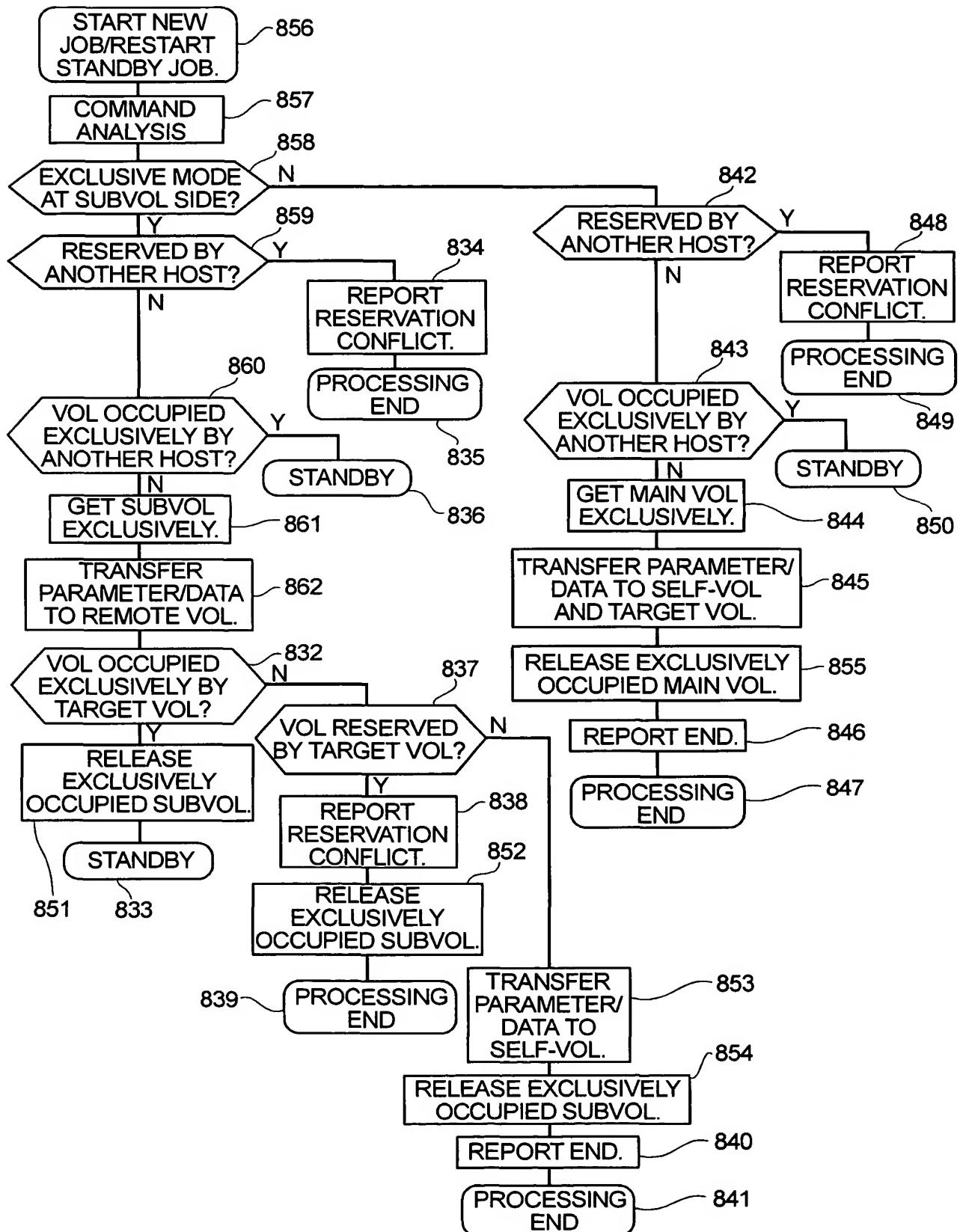


FIG.18

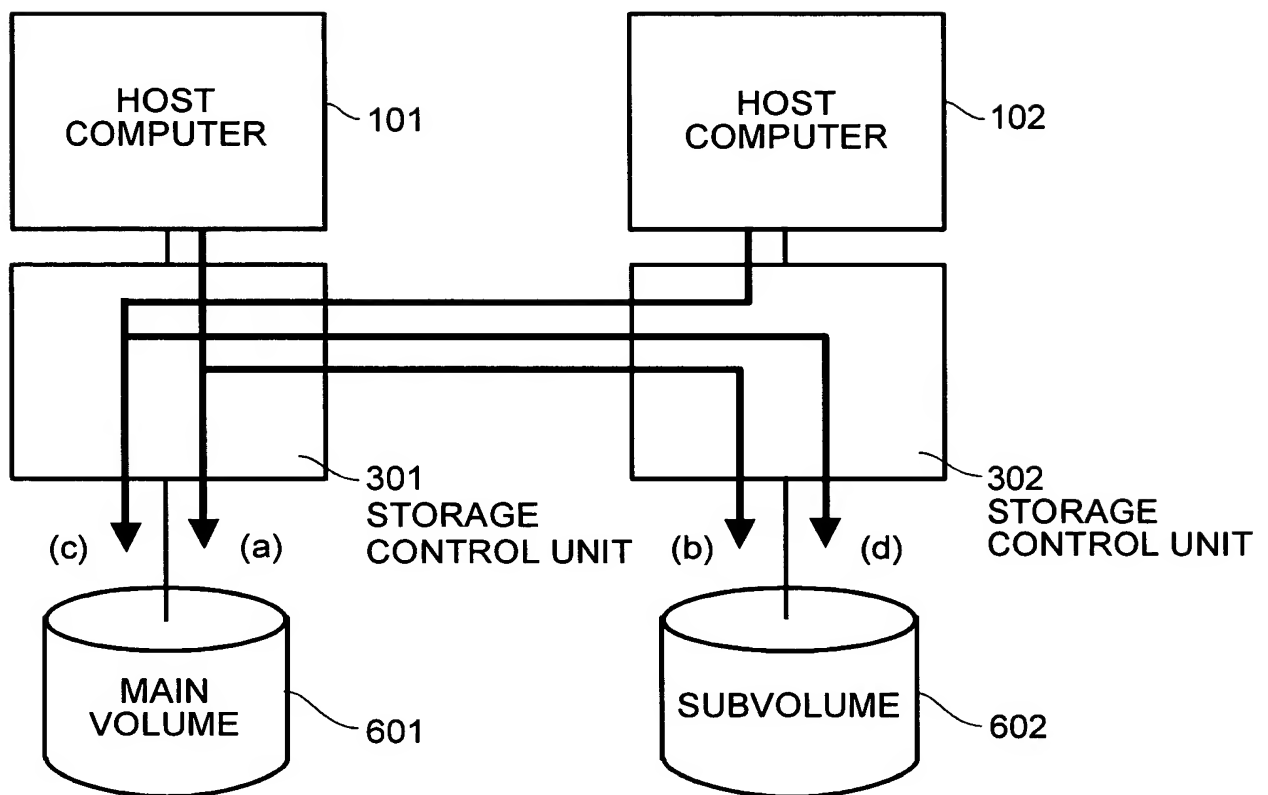


FIG. 19

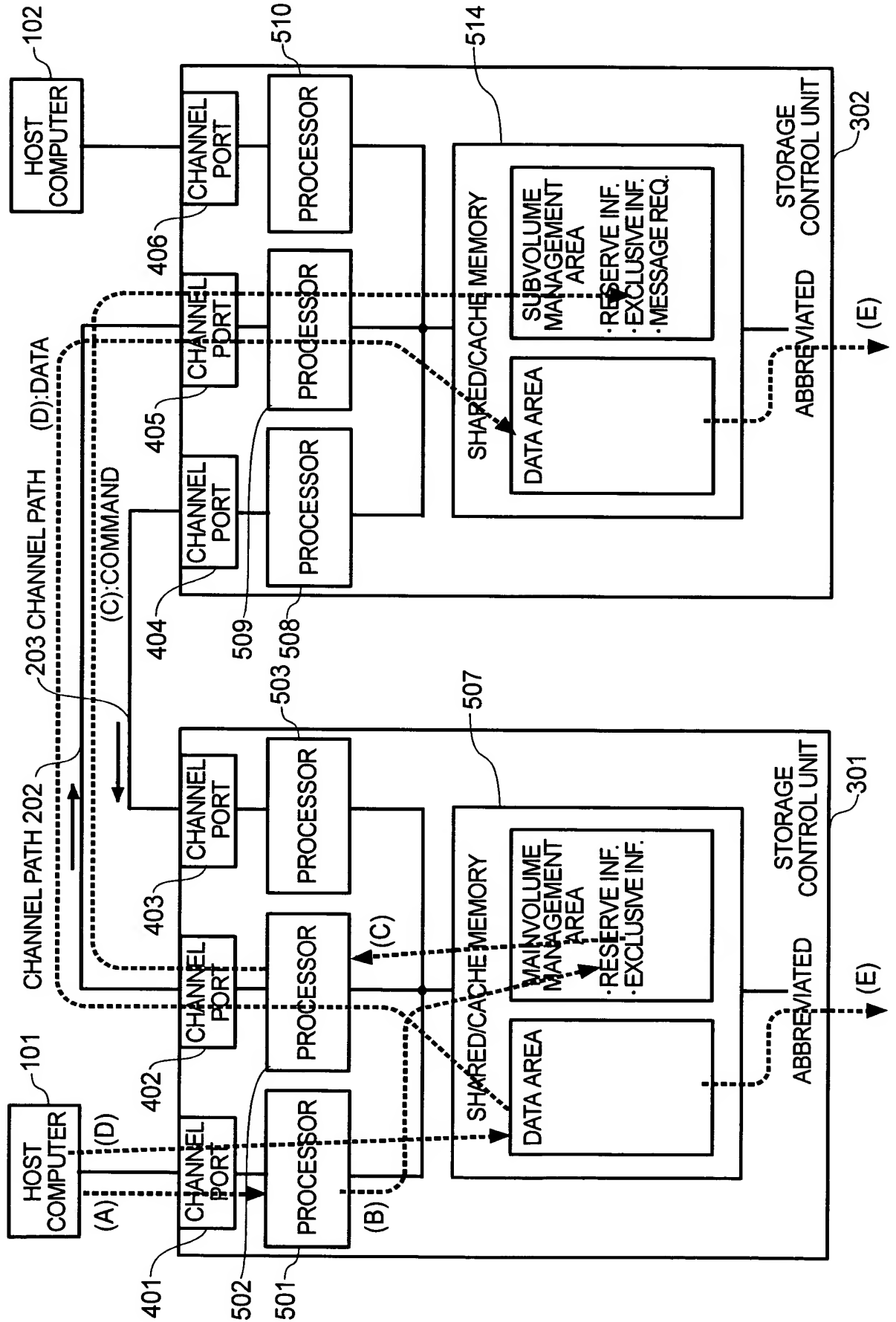


FIG. 20

